

DINRail SERIES



DINRail DC UPS

80W/120W

Applications:



Eqpt. of Mfg



Material
Packing Mgmt



Automation
Control &
Monitoring



Ind. IP-based
Device

Control Panel Solution

FSP DIN Rail DC UPS offers a dependable, cost effective solution to increase equipment stability and system reliability for control panels, industrial computers or different application segments.

The design implements SuperCap solution inside to achieve long service life and maintenance free purpose.

The series guarantees 24V-80W/120W uninterruptable power delivery constantly and protects the connection device operation and health. Moreover, the all in one, compact size will allow layout-technician to have more space for panel design.

GENERAL FEATURES

- SuperCap Solution, service life to up 50,000 times
- Over current/voltage/load protection
- Multiple I/O functions support
- Compact Al-Mg alloy profile housing, dust-proof design
- Front connections, DIN rail wall mount
- DC 24V power supply, industry standard design
- With USB control, set UPS parameters and extend shutdown time
- Max load up to 120W

TECHNICAL SPECIFICATIONS

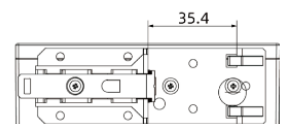
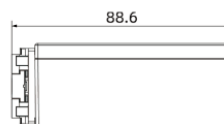
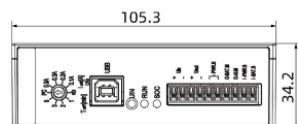
Model		DUS-24080	DUS-24120
Input DC Characters	Voltage	DC24V (+15%~20%) if less than 19.2V, Charging eff. will be affected	
	Current	4A	7A
	Protection	Anti-reverse connection, over-voltage protection, EFT±1500V, surge 2000V	
Output DC Characters	Voltage	24V	
	Current	3.5A	7.5A
	Protection	Overcurrent and overload protection	
Electrical Parameter	No-load power	<3W	
	Max power	80W	120W
	Full time	Work voltage	Full time (H)
		DC 24V (+15%~20%)	4
	Discharge time	Load power (W)	On-load hold time (min)
		30	25
		60	10
		80	2
		120	10
Supercapacitor	Capacity	5200F	5200F (4-string)
	Service life	Charge and discharge 50,000 times	
IO	IO Voltage	DC 24V	
	Isolation mode	Optocoupler	
	Isolation voltage	3.75kV	
Signal Type	Signal specification	DC 24V/3mA	
	DC OK	DC power supply status, relay normally open output	
	Bat. Mode	Battery operated mode, NPN output	
	Bat. Ready	Full battery condition, NPN output	
	SW	Remote switch output, NPN output	
Signal Type	Signal specification	DC 24V/3mA	
	DC OK	DC power supply status, relay normally open output	
	Bat. Mode	Battery operated mode, NPN output	
	Bat. Ready	Full battery condition, NPN output	
	SW	Remote switch output, NPN output	
	Remote	Remote power off output, dry contact switch quantity	
	Bat. Start	Forced cell output, NPN input	
	Dev. Psts	the power receiving device operating status, NPN input	
	Communication	USB	
	Interface	Modbus RTU	
	Communication	Modbus RTU	
Environment	Operating Temperature	-20°C~60°C	
	Storage Temperature	-40°C~80°C	
	Operating Humidity	5~95%	
	Mount	DIN-Rail	
	Net weight	0.5kg	1kg

Product specifications are subject to change without further notice

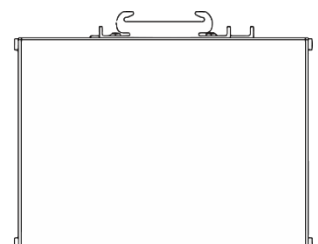
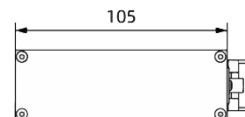
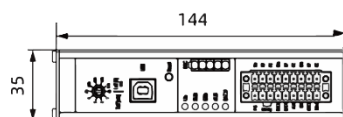


Dimension information

DUS-24080 (80W)



DUS-24120 (120W)



Unit: mm